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# United States Department of Agriculture

## MONTHLY LIST OF PUBLICATIONS

NOVEMBER 1934

Any five of the nontechnical publications listed herein, except those otherwise noted, may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the Department's supply lasts. After this supply is exhausted, publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., by purchase at the prices stated herein. His office is not a part of the Department of Agriculture.

Free distribution of technical material and periodicals is restricted.

Except in the case of exchanges, publications are not sent free to residents of foreign countries.

### FARMERS' BULLETINS

Treatment and care of tree wounds. J. Franklin Collins, Bureau of Plant Industry. 38 p., illus. (F. B. 1726F.) Price, 5¢.

### TECHNICAL BULLETINS

The external anatomy of the *Parlatoria* date scale, *Parlatoria blanchardi* Targioni Tozzetti, with studies of the head skeleton and associated parts. F. S. Stickney, Bureau of Entomology and Plant Quarantine. 68 p., illus. (T. B. 421TB.) Price, 10¢.

The relation of fertilizers to the control of cotton root rot in Texas. H. V. Jordan, P. R. Dawson, J. J. Skinner, and J. H. Hunter, Bureau of Chemistry and Soils. 76 p., illus. (T. B. 426TB.) Price, 10¢.

The physical and chemical characteristics of the soils from the erosion experiment stations—second report. H. E. Middleton, C. S. Slater, and H. G. Byers, Bureau of Chemistry and Soils. 63 p., illus. (T. B. 430TB.) Price, 10¢.

Studies of the irrigation of pear orchards on heavy soil near Medford, Oreg. M. R. Lewis, Bureau of Agricultural Engineering and Oregon Agricultural Experiment Station; R. A. Work, Bureau of Agricultural Engineering; and W. W. Aldrich, Bureau of Plant Industry. 34 p., illus. (T. B. 432TB.) Price, 5¢.

The pepper weevil. J. C. Elmore and Roy E. Campbell, Bureau of Entomology and Plant Quarantine; and A. C. Davis, University of California, 28 p., illus. (T. B. 447TB.) Price, 5¢.

Storage of mill cane. J. I. Lauritzen, Bureau of Plant Industry, and R. T. Balch, Bureau of Chemistry and Soils. 30 p., illus. (T. B. 449TB.) Price, 5¢.

Cotton production in Egypt. P. K. Norris, Bureau of Agricultural Economics. 43 p., illus. (T. B. 451TB.) Price, 5¢.

Experiments with nitrogen fertilizers on cotton soils. J. J. Skinner, R. A. Lineberry, and J. E. Adams, Bureau of Chemistry and Soils; and C. B. Williams and H. B. Mann, North Carolina Agricultural Experiment Station. 28 p., illus. (T. B. 452T.) Price, 5¢.

### CIRCULARS

Fertilizer studies with sugar beets in the Arkansas Valley area, Colo., 1921-28. L. A. Hurst, Bureau of Chemistry and Soils; and A. W. Skuderna, Bureau of Plant Industry. 20 p., illus. (Cir. 319C.) Price, 5¢.

Methods of reestablishing buffalo grass on cultivated land in the Great Plains. D. A. Savage, Bureau of Plant Industry. 20 p., illus. (Cir. 328C.) Price, 5¢.

A program of waterfowl restoration. J. Clark Salyer II, Biological Survey. 11 p. (Cir. 339C.) Price, 5¢.

#### MISCELLANEOUS PUBLICATIONS

Floods and accelerated erosion in northern Utah. Reed W. Bailey, Utah State Agricultural College; C. L. Forsling, Forest Service; and R. J. Beecraft, Utah State Agricultural Experiment Station. 21 p., illus. (M. P. 196MP.) Price, 5¢.

Officials and organizations concerned with wildlife protection, 1934. Frank G. Grimes, Bureau of Biological Survey. 14 p. (M. P. 211MP.) Price, 5¢.

High-quality cream for butter making is easily produced by following 3 important steps. Bureau of Dairy Industry. 4 p., illus. (M. P. 213MP.) Price, 5¢.

The agricultural outlook for 1935. Bureau of Agricultural Economics, Agricultural Adjustment Administration, Extension Service, State agricultural colleges and extension services. 132 p. (M. P. 215MP.) Price, 10¢.

#### STATISTICAL BULLETINS

Stumpage and log prices for the calendar year 1933. Henry B. Steer, Forest Service. 71 p. (S. B. 49SB.) Price, 10¢.

#### SERVICE AND REGULATORY ANNOUNCEMENTS

Notices of Judgment under the Caustic Poison Act. Food and Drug Administration. November, 1934. 2 p. (N. J., C. P. 22-25.)<sup>1</sup>

Notices of Judgment under the Food and Drugs Act. Food and Drug Administration. Pp. 469-525. (N. J., F. D. 20876-20950); pp. 45-83. (N. J., F. D. 22076-22175); pp. 85-102. (N. J., F. D. 22176-22200).<sup>1</sup>

Sweetpotato quarantine (Domestic). Notice of Quarantine No. 30 (revised), effective October 10, 1934. Bureau of Entomology and Plant Quarantine. 1 p. (B. E. P. Q.—A. 30.)<sup>1</sup>

Modification of pink bollworm quarantine regulations. Bureau of Entomology and Plant Quarantine. 3 p. (B. E. P. Q.—Q. 52.)<sup>1</sup>

Prosecutions under the interstate clause (sec. 6) of the Federal Seed Act. (July 1, 1933, to June 30, 1934; 15-39), Bureau of Plant Industry. 7 p. (S. R. A.-B. P. I. 19.)<sup>1</sup>

#### OTHER PUBLICATIONS

Napier grass (*Pennisetum purpureum*) a pasture and green fodder crop for Hawaii. 17 p., illus. (Hawaii Bull. 72.) Price, 5¢.

Parasites and parasitic diseases of cattle in Puerto Rico. H. L. Van Volkenberg, Puerto Rico Agricultural Experiment Station. 26 p., illus. (P. R. Bull. 36.) Price, 5¢.

Report of the Chief of the Bureau of Agricultural Economics, 1934. Nils A. Olsen. 29 p. Price, 5¢.

Report of the Chief of the Bureau of Animal Industry, 1934. J. R. Mohler. 52 p. Price, 5¢.

Report of the Chief of the Bureau of Biological Survey, 1934. J. N. Darling. 32 p. Price, 5¢.

Report of the Chief of the Bureau of Chemistry and Soils, 1934. Henry G. Knight. 54 p. Price, 5¢.

Report of the Chief of the Bureau of Dairy Industry, 1934. O. E. Reed. 24 p. Price, 5¢.

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<sup>1</sup> These may be obtained from the issuing bureau.

Report of the Chief of the Bureau of Entomology, 1934. Lee A. Strong. 20 p. Price, 5¢.

Report of the Chief of the Bureau of Home Economics, 1934. Louise Stanley. 13 p. Price, 5¢.

Report of the Chief of the Bureau of Public Roads, 1934. Thomas H. MacDonald. 62 p. Price, 10¢.

Report of the Chief of the Food and Drug Administration, 1934. W. G. Campbell. 18 p. Price, 5¢.

Annual Report of the Chief of the Grain Futures Administration, 1934. J. W. T. Duvel. 9 p. Price, 5¢.

Report of the Chief of the Office of Experiment Stations, 1934. James T. Jardine. 8 p. Price, 5¢.

Report of the Chief of the Weather Bureau, 1932-33. C. F. Marvin. 137 p. For sale only, price, \$1.25 (Buckram).

Report of the Chief of the Weather Bureau, 1934. W. R. Gregg. 7 p. Price, 5¢.

Report of the Director of Information, 1934. M. S. Eisenhower. 12 p. Price, 5¢.

Report of the Director of Personnel and Business Administration, 1934. W. W. Stockberger. 15 p. Price, 5¢.

Report of the Librarian, 1934. C. R. Barnett. 11 p. Price, 5¢.

Report of the Solicitor, 1934. Seth Thomas. 24 p. Price, 5¢.

#### PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 18, no. 11, November 1, 1934. Price, 5¢ a copy; 25¢ a year, domestic; 40¢ a year, foreign.<sup>2</sup>

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

Crops and markets. Vol. 11, no. 10, October 1934. Price, 10¢ a copy; \$1 a year, domestic; \$1.50 a year, foreign.<sup>2</sup>

Statistics concerning crops and livestock estimates and market information, reports on supplies, stocks, commercial movement, conditions, and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

<sup>2</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

Indicate below, by numbers IN NUMERICAL ORDER, bulletins desired. In order to assure prompt delivery detach this frank and return in stamped envelope to United States Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications. If more are desired please apply to Superintendent of Documents, Government Printing Office, Washington, D. C., enclosing remittance to cover cost of publication.

Farmers' Bulletins	Leaflets	Other publications



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Daily weather maps. Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price daily, except Sundays and holidays, 25¢ a month, \$3 a year; daily, including Sundays and holidays, 30¢ a month, \$3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscriptions, \$7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts, are issued at numerous stations throughout the United States, 20¢ a month, \$2.40 a year.<sup>2</sup>

Experiment station record. Vol. 71, no. 5, November 1934. Price, \$1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; \$1.50 per volume, foreign. Single number for sale only. Price, 15¢.<sup>2</sup>

A technical view of the world's scientific literature pertaining to agriculture.

Extension service review. Vol. 5, no. 9, September 1934. Illus. Price, 5¢ a copy; 50¢ a year, domestic; 75¢ a year, foreign.<sup>2</sup>

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administrative information.

Journal of Agricultural Research. Price \$3.25 a year domestic; \$4.75 a year foreign. Each issue, 15¢ domestic; 20¢ foreign. Reprints, 5¢ domestic; 8¢ foreign.<sup>2</sup> Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

— Vol. 49, no. 6. Illus. September 15, 1934.

Contents:

Relation between the chemical composition of citrus scale insects and their resistance to hydrocyanic acid fumigation (Calif.-68). A. R. C. Haas.

Bacterial blight of carrot (Calif.-69). James B. Kendrick.

Pecan root growth and development (Ga.-8). J. G. Woodroof and Naomi C. Woodroof.

Persistent strands of the cotton root-rot fungus in Texas (G-924). Homer C. McNamara, R. E. Wester, and K. C. Gunn.

— Vol. 49, no. 6. Illus. September 15, 1934.

Contents: Continued

Morphology and life history of the cotton root-rot fungus in Texas (G-925).

David C. Neal, R. E. Wester, and K. C. Gunn.

Effect of mildew and rust infection on dry weight and respiration of excised clover leaflets (G-928). Cecil E. Yarwood.

Penetration, distribution, and effect of petroleum oils in apple (Mont.-23).

Paul A. Young.

Monthly weather review. Vol. 62, no. 7, July 1934. Illus. Price, 15¢ a copy; \$1.50 a year, domestic; \$2.25 a year, foreign.<sup>2</sup> Not for general distribution.

Public roads. Vol. 15, no. 8, October 1934. Price, 10¢ a copy; \$1 a year, \$1.50 a year, foreign.<sup>2</sup>

Weekly weather and crop bulletin. Nos. 44-47, October 30-November 20, 1934. Price, 50¢ a year, domestic; \$1 a year, foreign.<sup>2</sup>

<sup>2</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

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